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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s) : Cecil C. Chappelow  
Serial No. : 10/784,082  
Filing Date : February 20, 2004  
Title : PHOTOPOLYMERIZABLE COMPOSITIONS  
THAT INCLUDE ALICYCLIC/AROMATIC  
DIOXIRANES AND NOVEL DIOXIRANYL  
TETRAOXASPIRO [5.5] UNDECANES  
  
Group/Art Unit : 1714  
Examiner : Not Yet Assigned  
Confirmation No. : 7027  
  
Atty. Docket No. : 800528.0015

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. § 1.56 and § 1.97(b), the references listed below and on the attached Form PTO/SB/08A (Substitute for Form 1449A-B/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The present application is a divisional of prior application, Serial No. 10/091,791 filed March 5, 2002. The cited documents are already of record in the parent case, and therefore, copies are not being submitted with the present statement pursuant to 37 C.F.R. § 1.98(d). Submission of these references is not an admission that the references constitute prior art.

**Certificate of Mailing Under 37 C.F.R. 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: MAY 17, 2004  
Signature: J. Barnard  
Printed Name: Jessica V. BARNARD

The Director is hereby authorized to charge any additional amount required, or credit any overpayment, to Deposit Account No. 19-4409.

### U.S. PATENTS

Patent No.	Inventor(s)	Issue Date
5,556,896	Byerley et al.	9-17-1996
5,808,108	Chappelow et al.	9-15-1998
6,022,940	Byerley et al.	2-8-2000
6,458,865	Chappelow et al.	10-1-2002

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Country	Patent No./Publication No.	Publication Date
None.		

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Eick, J. D., G. M. Kaufman, C. S. Pinzino, B. Morrison, and C. C. Chappelow, "New Prototype Epoxy-Based Low-Shrinkage/Low-Stress Composites," *Journal of Dental Research*, 79(SI), 148 (2000).

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Rose, L. A., P. Y. Tong, J. D. Eick, C. C. Chappelow, and D. M. Yourtee, "A Study of the Mutagenicity of Non-shrinking Spiroorthocarbonate Co-polymers," *Journal of Dental Research*, 75(SI), 329 (1996).

Murphy, J., R. P. Chappell, J. D. Eick, and C. C. Chappelow, "Effect of Spiroorthocarbonate Addition on Polymerization Shrinkage of Acrylate Systems," *Journal of Dental Research*, 74(SI), 182 (1995).

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Thompson et al., "Dental Resins with Reduced Shrinkage During Hardening," *Journal of Dental Research*, Vol. 58, pp. 1522-1532, 1979.

Stansbury, "Improved Monomers for Double Ring-Opening Polymerization with Expansion," *Journal of Dental Research*, Vol. 70, pg. 527, Abstract No. 2088, 1991.

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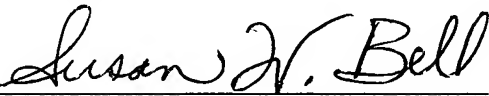
Applicant respectfully requests that these references be made of record in the above-identified application and considered by the Examiner during prosecution of the application.

It is respectfully submitted that the present invention as claimed is patentable over the listed references.

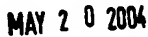
This information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) or before the mailing of a first Office Action on the merits. Accordingly, no fee is due.

Acknowledgment of receipt is respectfully requested.

Respectfully submitted,

By: 

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Substitute for Form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

**Complete if Known**

<b>Application Number:</b>	10/784,082
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<b>Filing Date:</b>	February 20, 2004
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<b>First Named Inventor:</b>	Cecil C. Chappelow
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Group Art Unit:	1714
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Examiner Name:	Not Yet Assigned
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**Attorney Docket Number:** 800528.0015

U. S. PATENT DOCUMENTS

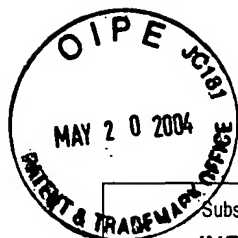
## FOREIGN PATENT DOCUMENTS

Examiner  
Signature

Date  
Considered

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449B/PTO (Modified)  
**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**  
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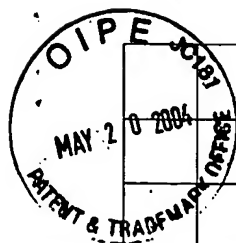
Sheet 2 of 3

**Complete if Known**

Application Number: 10/784,082  
 Filing Date: February 20, 2004  
 First Named Inventor: Cecil C. Chappelow  
 Group Art Unit: 1714  
 Examiner Name: Not Yet Assigned  
 Attorney Docket Number: 800528.0015

**OTHER REFERENCES – NON PATENT LITERATURE DOCUMENTS AND INFORMATION**

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T?
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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